

20030125.qrp v02_n811.qrl.20030125

Date: Sat, 25 Jan 2003 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2811

QRP-L Digest 2811

Topics covered in this issue include:

- 1) [145180] FS: K2/100 all options \$1120 delivered
by <tlogan7@cox.net>
- 2) [145181] Re: How would you clean this tuner?
by "Garey Barrell" <k4oah@mindspring.com>
- 3) [145182] Re: Rock-Mite output amp hotter than heck
by "blinn" <blinn@smgazette.com>
- 4) [145183] Re: K1/FT-817 FOXII obsevationes...
by "blinn" <blinn@smgazette.com>
- 5) [145184] Re: Off Topic: FYBO and hate it? Rental near Joshua Tree Park, CA
by W2AGN <w2agn@w2agn.net>
- 6) [145185] QRP Event
by "tmyers" <tmyers@academicplanet.com>
- 7) [145186] Re: What is "X"?
by "Jim NOUR" <n0ur@attbi.com>
- 8) [145187] SMK-1
by "Randall M. Payne" <payner1@strato.net>
- 9) [145188] FT-817 power plug
by "Frank King" <fking@oregonvos.net>
- 10) [145189] Re: QRP battery holder glue problem
by MIKE SOUHRADA <wb9iog@revealed.net>
- 11) [145190] Newbie
by "Bill & Tammie" <bltlawrence12@worldnet.att.net>
- 12) [145191] Re: Homebrew ladder line?
by "ss lyon" <sslyon@megalink.net>
- 13) [145192] Re: OT: SMT work
by "Chris Trask" <chistrask@earthlink.net>
- 14) [145193] Re: K1/FT-817 FOXII obsevationes...
by Steven Weber <kd1jv@moose.ncia.net>
- 15) [145194] Rainbow Tuner Sold Out!
by David Porter <aa3ur@comcast.net>
- 16) [145195] Custom front panels from www.frontpanelexpress.com
by "Dave Ek" <ekdave@earthlink.net>
- 17) [145196] SN
by Pete Burbank <plburbank@earthlink.net>
- 18) [145197] Re: QRP battery holder glue problem
by Pete Burbank <plburbank@earthlink.net>
- 19) [145198] Re: What is "X"?

- by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 20) [145199] Argonaut II manual/diagnostics needed
by "Dennis Brickey" <n4dd@preferred.com>
- 21) [145200] Re: Sheet Metal Brake
by "Merton Nellis" <mertnellis@msn.com>
- 22) [145201] FS: Elecraft K2 Serial #543
by "Steve Kubisch - WW7Y" <ww7y@sisna.com>
- 23) [145202] T31MY on 10.103.6
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 24) [145203] Fw: dxpedition
by "pschweit" <pschweit@mninter.net>
- 25) [145204] RE: SN
by Nick Kennedy <nkennedy@tcainternet.com>
- 26) [145205] battery holder
by "Carl GW0TQM" <gw0tqm@yahoo.co.uk>
- 27) [145206] Re: SN
by "George, W5YR" <w5yr@att.net>
- 28) [145207] Re: FT-817 power plug
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [145208] Re:Fw: dxpedition
by ae5x@netscape.net (John Harper AE5X)
- 30) [145209] Fw: calculating j pole dimentions for twinlead antenna
by "pschweit" <pschweit@mninter.net>
- 31) [145210] FT100d
by "Dave Martin" <k2zu@seanet.com>
- 32) [145211] Cheapest all band QRP tuner
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [145212] MFJ 40T and 40V vintage QRP
by john <johnmb@nc.rr.com>
- 34) [145213] Comparing Receivers
by "Karl F. Larsen" <k5di@zianet.com>
- 35) [145214] Re: OT: SMT work
by Ed Tanton <n4xy@earthlink.net>
- 36) [145215] Parts supplier
by "Juan Ferrari" <puntrad@usa.net>
- 37) [145216] Re: SN
by William R Colbert <w5xe@juno.com>
- 38) [145217] Re: K1/FT-817 FOXII obsevationes...
by "Karl F. Larsen" <k5di@zianet.com>
- 39) [145218] Re: battery holder adhesive.
by Ed Tanton <n4xy@earthlink.net>
- 40) [145219] Re: SN
by "George, W5YR" <w5yr@att.net>
- 41) [145220] Rock-Mites and Cylindrical Crystals
by Chuck Carpenter <w5usj@9plus.net>
- 42) [145221] Re: QRP battery holder glue problem
by Lew Paceley <lew@paceley.com>
- 43) [145222] RE: SN

by Lynda & Jim Leslie <leslie240z@shaw.ca>
44) [145223] Re: SN
by J.Bennett@lboro.ac.uk
45) [145224] Re: QRP battery holder glue problem
by J.Bennett@lboro.ac.uk
46) [145225] modify my 40M EDZ??
by "Joe W2KJ" <w2kj@bellsouth.net>
47) [145226] Re: dxpedition
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>

Date: Fri, 24 Jan 2003 18:25:36 -0500
From: <tlogan7@cox.net>
To: Eleccraft@mailman.qth.net
Cc: qrp-l@Lehigh.EDU
Subject: [145180] FS: K2/100 all options \$1120 delivered
Message-ID: <20030124232536.VGJX3243.fed1mtao06.cox.net@smtp.west.cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi folks -

Selling my K2/100 with all optiona and Heil mike. It has all mods done to equal the most current revision. It was recently to Eleccraft to have the 14 matching crystals installed and a "check-up". It is well-built, immaculate, very well cared for, and performs superbly. It has less than 15 hours on the new amp. All manuals included. Delivered to your door CONUS for \$1120. Thanks for reading and 73/Tim NZ7C

Date: Fri, 24 Jan 2003 18:45:37 -0500
From: "Garey Barrell" <k4oah@mindspring.com>
To: <vicente@supernet.com.br>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [145181] Re: How would you clean this tuner?
Message-ID: <005001c2c402\$b21cb640\$6501a8c0@hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jose -

Almost. Actually the compound is Silver Sulfide. It is almost as

conductive as silver, and usually soft enough to be displaced by wiping switch contacts.

ANY silver polish results in removal of "some" silver. Not a big deal with solid silver, but a bit more important with silver plating.

The silver / sulfur reaction can be reversed by immersing the silver item and a piece of aluminum foil in a heated baking soda solution. The two pieces MUST be in contact as this is an electrochemical reaction. The sulfur will leave the silver piece and be deposited on the aluminum foil, without removing any silver. This works for things like silver plated coils, etc., but not so easy with things like rotary switch contacts.

Rotary switches are much better left alone, as the chance of damaging (or "springing") fixed contacts is almost as likely as successful "cleaning".

73, Garey - K40AH
Atlanta

----- Original Message -----

From: "Jose Vicente" <vicente@supernet.com.br>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, January 24, 2003 3:55 PM
Subject: RE: How would you clean this tuner?

> About this line:
>
> Silver Oxide is one of
> the few oxides that is almost as conductive as its base metal.
>
> I learned it is "silver sulfite" (not silver oxide) and it is a good
> conductor for RF, is it right?
>
> 73, Jose PY2AUC
>
>
>

Date: Fri, 24 Jan 2003 15:53:28 -0800
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [145182] Re: Rock-Mite output amp hotter than heck

Message-ID: <008f01c2c403\$cb878f00\$e270ef42@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You might check L1. I had trouble with a hot transistor final and finally no output but still a very hot final. Changed the final, still no output but still very hot. Checked L1 for continuity and it wasn't open. Pulled L1 from board and checked inductance, measured about 2 uH. (Must have shorted windings?) Replaced with higher current 10 uH from Mouser and Resurrected RM!

Hope you get the little gem to work. They are a BLAST!

Bill - WA7TQK

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Date: Fri, 24 Jan 2003 16:16:20 -0800
From: "blinn" <blinn@smgazette.com>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [145183] Re: K1/FT-817 FOXII obsevationes...
Message-ID: <00be01c2c406\$fd21e4e0\$e270ef42@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl, are you favoring the 817? Or am I just reading a bias into your comments? Or, perhaps you've done the same comparison with different results?

By the way, my location is in Northern Idaho, 100 miles or so below the Canadian line. After reading your propagation alert for negative Fox Hunt prospects for us northern fellows, I decided to just piddle around on the workbench during the Fox Hunt. About 7:35 or so I turned the homebrew rig on, you know the one with the 2N2222 final and the DC receiver, and I'll be darned if I didn't hear the CQ Fox calling CQ LOUD and CLEAR! Gave him a couple toots and he managed to hear my little signal. But the amazing part was the fine reception from my homebrewed DC receiver... I think it's probably better than the 817's receive. (Mainly because I hear twice as

many signals with my receiver than I would if I had an 817!) Now, how about that?

And... thanks for those propagation reports, they are very helpful.

Regards, Bill - WA7TQK (Grinnin')

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[Visit us on the web at SMGazette.com]

Date: Fri, 24 Jan 2003 19:29:36 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145184] Re: Off Topic: FYBO and hate it? Rental near Joshua Tree Park, CA
Message-ID: <3E319420.3022.6A3FCA2@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 24 Jan 2003 at 11:04, mm1esg@compuserve.de wrote:

> Location: <http://www.29palms.com> in the High Desert. Near City centre
> but quiet. Today only 65 F so far, but enough to get a tan hi.
>
> About 2300 ft high, antennas welcome! Water, Trash, Cable TV, Electric
> paid and fridge & cooker provided. Gas heating. Starting at \$ 345 p.m.,
> 1 month deposit.
>
> Several Marines got their orders and I wlt rent to fellow hams.
>
> Mni tn timer for the space,
>
> Chris kf6vci
> 760 447 3958
>
>

Wow, I should have used this list when I had that Florida swampland for sale!

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 25 Jan 2003 00:27:03 -0600
From: "tmyers" <tmyers@academicplanet.com>
To: "QRP-L Post" <qrp-l@lehigh.edu>
Subject: [145185] QRP Event
Message-ID: <000f01c2c43a\$c799fc20\$0100a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just found this on the 425 dx bulletin. I may be fun if the SFI is up.

QRP MARATHON ---> The I-QRP Club organizes the 4th HF Marathon to encourage QRP activity. Open to licensed amateurs and SWLs, it will take place from 00.00 UTC on 1 April through 24.00 UTC on 31 August. For further details please contact Giovanni Zangara, IW0BET at iw0bet@amsat.org

KQ5U, Terry
Spring, Texas

Date: Fri, 24 Jan 2003 18:35:21 -0600
From: "Jim NOUR" <n0ur@attbi.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [145186] Re: What is "X"?
Message-ID: <000301c2c409\$a56059a0\$6a202942@ce1.client2.attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I think that you are hearing is a quick "TU" I know I used it when I finished a contact when I was the fox. Many DX stations also use it

Date: Fri, 24 Jan 2003 19:37:46 -0500
From: "Randall M. Payne" <payner1@strato.net>
To: qrp-1@Lehigh.EDU
Subject: [145187] SMK-1
Message-ID: <PL762V1T52D9U0TQUSMHRQ8GKH8654.3e31dc5a@x4r1i9>
MIME-Version: 1.0
Content-Type: text/plain; charset="windows-1252"

The SMK-1 and enclosure kit are sold.
73,
Randy K4EZM

Date: Fri, 24 Jan 2003 16:44:35 -0800
From: "Frank King" <fking@oregonvos.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [145188] FT-817 power plug
Message-ID: <000501c2c40b\$15ee0540\$1368fea9@fking>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

A little while ago I saw some discussion here on availability of a compatible power plug for the FT-817 through Radio Shack. Anyone know what the part number is? Or any other details. The local folks at RS can't seem to find it for me.

Tnx
Frank King
AA7XA

Date: Fri, 24 Jan 2003 18:56:27 -0600
From: MIKE SOUHRADA <wb9iog@revealed.net>
To: robert.parks11@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145189] Re: QRP battery holder glue problem

Message-ID: <3E31E0BB.1090205@revealed.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Tony Parks wrote:

> I am trying to build a batter holder for eight AA cells using short pieces
> of PVC

PVC is very hard to glue especially with super glues.

Use J B Weld it really works well and with ABS material also.

For plumbing applications the two part 1. cleaner & 2. adhesive work
well but both surfaces are PVC and bond together.

Mike
Iowa

Date: Fri, 24 Jan 2003 20:03:05 -0600
From: "Bill & Tammie" <bltlawrence12@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [145190] Newbie
Message-ID: <000501c2c415\$e7002960\$7ed25d0c@computer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi everyone I'm new to the group and I was wondering if anyone could point
me in the right direction on learning how to solder. I trying to learn how
to solder before I start on my pixie2 kit.

Bill

Date: Fri, 24 Jan 2003 21:01:44 -0500
From: "ss lyon" <sslyon@megalink.net>
To: <kr1st@amsat.org>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145191] Re: Homebrew ladder line?
Message-ID: <003501c2c415\$b67874a0\$0ac8e742@megalink.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I make my own 600 ohm ladderline and like it a lot. Better in all categories below than any commercial stuff I've used/seen (ok... I'm bragging) altho I've never done truly scientific measurements. Made with #14 THHN spaced 3.5" and 85 mil weed wacker line for spacers, every 18".

- * Cheap: ~ \$20 and 4 hrs work for 225 ft
- * Extremely low loss
- * Very low wind resistance
- * Negligible de-tuning in rain/ice, even with hi SWR antennas
- * Minimal weight gain in (")

I run it 270' into the deep Maine woods, so the latter three items are key at my QTH, esp. the way this winter is shaping up.

73

AA1MY

Seabury Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

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----- Original Message -----

From: "Alex" <kr1st@amsat.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, January 24, 2003 11:32 AM

Subject: Homebrew ladder line?

> Hi there,
>
> Maybe a silly question, with the availability of cheap ladder line, is
> it still worth it to make your own ladder line?
>
> 73,
> --Alex KR1ST

Date: Fri, 24 Jan 2003 19:39:35 -0700
From: "Chris Trask" <chrisrask@earthlink.net>
To: <lmairs@direcway.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [145192] Re: OT: SMT work

Message-ID: <007b01c2c41b\$00d64a40\$89879e40@ctrask>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="Windows-1252"
 Content-Transfer-Encoding: 7bit

On Friday, January 24, 2003 1:18 PM, Lee Mairs wrote:

```
>
> I've tried these magic microscopes and magnifying viewers, but the
> all seem to get my nose about 2 inches down wind from the fumes.
> How do you beat this?
>
```

With a small fan. The ceiling fan in my lab area does just fine.

Chris

```

      ,-----'
    /   What's all this   \
 / extinct stuff, anyhow? /
\ -----'
_||/
oo\
(--)\\
 \\  . ' - ' .
  \\  \"          \\
   \\  '\"         \\
    .              ( ) \\
     '-| | ) _-| :. \\
       || | | | \\ ' .
        c__; c__;  '...'>. __ h

```

High Performance Mixers and Amplifiers for RF Communications

Chris Trask / N7ZWY
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Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: christrask@earthlink.net
<http://www.home.earthlink.net/~christrask>

Graphics by Loek Frederiks

Date: Fri, 24 Jan 2003 21:53:53 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [145193] Re: K1/FT-817 FOXII obsevatons...
Message-ID: <3.0.6.32.20030124215353.007b4450@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It seems to me that most commercial rigs added CW operation as an after thought. First and for most, thier side band rigs. It's really hard to beat

the performance of a simple QRP receiver which has been optimized for CW work.

72,

Steve, KD1JV

"Melt Solder"

White Mountains of New Hampshire

<http://www.qsl.net/kd1jv/>

Date: Fri, 24 Jan 2003 22:07:34 -0500

From: David Porter <aa3ur@comcast.net>

To: NJQRP <njqrp@njqrp.org>,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [145194] Rainbow Tuner Sold Out!

Message-ID: <NGBBICPOCLKMGIBGBEAAEGDDBAA.aa3ur@comcast.net>

MIME-version: 1.0

Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

Thanks for the overwhelming support! I have cut off the orders at #95. This is to assure that we have extra parts if necessary. I will go through all emails I have received and put everyone on a waiting list in case some people change their minds, or the last five become available.

If you would like to check your status, I will update a special web page periodically and you can check the status of your order.

<http://www.njqrp.org/Rainbow/rainbowres.htm>

The first column is the reservation number. The second is the status, reserved or paid. The third is the shipping date. For those that will be delivered at the club meeting tomorrow, the shipping column will include Meeting. If for some reason, we don't get the kits there, I'll change that. The last column is the name of the person reserving the kit.

I am still way behind in the emails that this has generated, so have a little patience on what I still must do.

Please remember to include complete shipping information, as the reservation emails were a little sparse.

Thanks for supporting NJQRP,

Dave, AA3UR

Date: Fri, 24 Jan 2003 20:17:06 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [145195] Custom front panels from www.frontpanelexpress.com
Message-ID: <006e01c2c420\$3dd14e40\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Just saw a small ad in Nuts & Volts mag for a company that does custom front panels. You download their software to design it, and then send the design to the company to produce. Sounds like ExpressPCB...

It's at www.frontpanelexpress.com. No idea what their prices are. I have not done business with them (insert usual disclaimers here). Just thought I'd pass it on for those of you who might be interested.

73 de Dave NK0E

Date: Fri, 24 Jan 2003 22:20:57 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [145196] SN
Message-ID: <5.2.0.9.0.20030124221714.00a230a0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have heard this too. I was wondering if it was a warmup character for a quick check of

bug spacing.

73

Pete NV4V

Date: Fri, 24 Jan 2003 22:39:56 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: robert.parks11@gte.net,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145197] Re: QRP battery holder glue problem
Message-ID: <5.2.0.9.0.20030124222225.00a238b0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

How about PVC pipe solvent? Laid flat on a piece of vinyl.
I like your pipe idea as I recently bought a bunch of NIMH AAs and need to make a holder for charging.
I started on a wood frame but the drill kept walking sideways in the 2X4 so it is now kindling.
I need to figure out the end contacts so guess I'll leave the tubes a bit long until I figure that out.
Most of the commercial holders crack after awhile.
73
Pete NV4V

At 02:34 PM 1/24/2003, Tony Parks wrote:
>I am trying to build a batter holder for eight AA cells using short pieces
>of PVC tubing having the appropriate ID. The PVC pieces are placed
>side-by-side in a flat arrangement with glue joints running axially along
>the length of the PVC pieces where they contact each other. Prior to
>gluing, the pieces were mechanically cleaned with sandpaper and wiped with a
>tissue to remove dust. The first unsuccessful attempt was with super glue
>and resulted in very weak joints.
>
>Any recommendation on how this could be done?
>
>Thanks,
>Tony
>KB9YIG

Date: Fri, 24 Jan 2003 19:49:51 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <maxmoon@umn.edu>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145198] Re: What is "X"?
Message-ID: <01af01c2c424\$d0e17b20\$1214f4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Max,

I notice that a lot of foreign station tend to say "Dear Old Man" a lot. Think that it's just the custom. I found that on 10 meters during the last peak when I was working more DX than now. Best DX lately has been the East Coast, Hi! Guess that's not too bad fer QRP though on 40 meters.

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Max Moon <maxmoon@umn.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Friday, January 24, 2003 1:22 PM

Subject: Re: What is "X"?

> Hello--

> I understand that X=TU in so-lid circles. But why do so many DX ops call me

> "DR"??? Am I "dear" to them? Do they think I'm a doctor? I never know how to

> respond when some faraway op says, FB DR OM MAX. I mean, if I offend them,

> they might not QSL!

> 73,

> My wife's dear OM,

> Max k0max

>

Date: Fri, 24 Jan 2003 22:52:35 -0500

From: "Dennis Brickey" <n4dd@preferred.com>

To: <qrp-l@Lehigh.EDU>

Subject: [145199] Argonaut II manual/diagnostics needed

Message-ID: <001d01c2c425\$33208b00\$63f3e4ce@computer>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hey folks,

I need a copy of the manual for the Argonaut II. Can anyone out there help me in this department. I have located and purchased a radio that has an intermittent side tone.
If anyone has a suggestion in this area, I would be grateful!

Best Regards and thanks for the bandwidth,

Dennis N4DD

Date: Fri, 24 Jan 2003 22:15:58 -0600
From: "Merton Nellis" <mertnellis@msn.com>
To: digi2@earthlink.net, qrp-1@Lehigh.EDU
Subject: [145200] Re: Sheet Metal Brake
Message-ID: <F20i8TywMfgZUr3CrJR000160cd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

My local Harbor Freight outlet has a nice looking 18 inch brake made in china for about \$20 that looks like Steve's, KD1JV. I'm thinking of getting it to replace a similar one of hard aluminum that a friend gave me. Hard to beat for \$20.

Happy bending... Mert W0UFO MNQRP

>From: "John McClain" <digi2@earthlink.net>
>Reply-To: digi2@earthlink.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Sheet Metal Brake
>Date: Wed, 22 Jan 2003 23:39:45 -0700
>
>I notice that MicroMark has a couple of Sheet Metal Brakes mentioned
>on their web page. As I recall they were relatively cheap.
>
>www.micromark.com
>
>John
>K7SVV
>k7svv@arrl.net
>K1 #1378, K2 #2569, SST 20, Rock Mite 20, Rock Mite 40, Nor'Easter

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<http://join.msn.com/?page=features/featuredemail>

Date: Fri, 24 Jan 2003 21:24:19 -0700
From: "Steve Kubisch - WW7Y" <ww7y@sisna.com>
To: <qrp-l@Lehigh.EDU>
Subject: [145201] FS: Elecraft K2 Serial #543
Message-ID: <000701c2c429\$a2232270\$0708bed8@ww7y>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have for sale a CW only K2, Serial #543. Also have the internal battery option, which is not installed at this time. I don't like leaving the battery in the case when not using radio portable. The radio is in perfect condx and works great. I have 20+ years as an Electronic Tech and the assembly is professional. The filters were aligned using Spectran. There have been no upgrades done to the radio other than a Yaesu FT100 knob and it is ready for what ever options you would like to add.

Asking Price \$600
Contact me with questions,
73, Steve -WW7Y
ww7y@sisna.com

Date: Fri, 24 Jan 2003 23:10:53 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [145202] T31MY on 10.103.6
Message-ID: <412003162551053742@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Just worked a new one for me....T31MY on 10.103.6. Got him with my newly-updated K2 to double bazooka up 45'. He is working guys all over the

globe and has terrific ears. Good luck one and all.

73,

--Doc/K0EVZ

Date: Sat, 25 Jan 2003 08:02:42 -0600
From: "pschweit" <pschweit@mninter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [145203] Fw: dxpedition
Message-ID: <002d01c2c47a\$6e74d580\$84e6add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

does anybody have any ideas on dxpeditions qrp or otherwise to the following?

how difficult would it be to successfully mount an expedition to any ?

> to:
> kp5
> kp1
> kh7k
> kh9
> kh5
> kh4
> kh5k
> kh3
> kh1
> kh8
> kg4
> kh0
>

de rob
KA0PGQ

Date: Sat, 25 Jan 2003 08:14:25 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'plburbank@earthlink.net'" <plburbank@earthlink.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145204] RE: SN
Message-ID: <01C2C449.C6EEF140.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

That's kind of what I've always thought too ... no specific meaning.
Didididahdit means, well, didididahdit.

But it's interesting to look at published Morse character sets. My AEA
CK-2 keyer manual lists ..._. as meaning "understood". But I'll bet some
other published sets will give a different meaning. Perhaps we need a
FISTS member to go back and consult the holy scriptures on this.

Another "nonsense" character I used to hear a lot is dahdidahdidah (_._._
) My AEA book says that's an exclamation point.

72--Nick, WA5BDU

dit dit

(meaning, see ya)

On Friday, January 24, 2003 9:21 PM, Pete Burbank
[SMTP:plburbank@earthlink.net] wrote:
> I have heard this too. I was wondering if it was a warmup character for a
> quick check of
> bug spacing.
> 73
> Pete NV4V
>
>
>

Date: Sat, 25 Jan 2003 11:26:09 -0000
From: "Carl GW0TQM" <gw0tqm@yahoo.co.uk>
To: <qrp-l@Lehigh.EDU>

Subject: [145205] battery holder
Message-ID: <NHBBIFBAEMMBOIBCMICEOEBJDMAA.gw0tqm@yahoo.co.uk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

<<

I am trying to build a batter holder for eight AA cells using short pieces of PVC tubing having the appropriate ID. The PVC pieces are placed side-by-side in a flat arrangement with glue joints running axially along the length of the PVC pieces where they contact each other. Prior to gluing, the pieces were mechanically cleaned with sandpaper and wiped with a tissue to remove dust. The first unsuccessful attempt was with super glue and resulted in very weak joints.

>>

I'm a messy builder. But I'd probably go for a hot glue gun in the first instance.

Hot glue or an epoxy resin hold most things I own together :)

Carl
GW0TQM

Do You Yahoo!?
Everything you'll ever need on one web page
from News and Sport to Email and Music Charts
<http://uk.my.yahoo.com>

Date: Sat, 25 Jan 2003 10:53:52 -0600
From: "George, W5YR" <w5yr@att.net>
To: <plburbank@earthlink.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145206] Re: SN
Message-ID: <009501c2c492\$57f77660\$0201a8c0@fairviewtx.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"In the old days" we commonly used SN or VE in lieu of BT as a pause or placeholder while we were thinking of what to send next. I do not recall ever seeing SN used as a prosign only before turning it over to the other stations.

So, there must be something new here . . .

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----

From: "Pete Burbank" <plburbank@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 24, 2003 9:20 PM

Subject: SN

> I have heard this too. I was wondering if it was a warmup character
> for a

> quick check of

> bug spacing.

> 73

> Pete NV4V

>

>

Date: Sat, 25 Jan 2003 09:14:33 -0700 (MST)

From: "Karl F. Larsen" <k5di@zianet.com>

To: Frank King <fking@oregonvos.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [145207] Re: FT-817 power plug

Message-ID: <Pine.LNX.4.44.0301250912070.1914-100000@bucket.dog>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Frank I got a package of 4 plugs that fit the FT-817 power in plug at Radio Shack 3 months ago in Las Cruces, NM. Can't locate the package now but I took the power cord sent with the radio to RS and they matched it no problem.

On Fri, 24 Jan 2003, Frank King wrote:

> A little while ago I saw some discussion here on availability of a
> compatible power plug for the FT-817 through Radio Shack. Anyone know what
> the part number is? Or any other details. The local folks at RS can't seem
> to find it for me.

>
> Tnx
> Frank King
> AA7XA
>
>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 25 Jan 2003 12:56:53 -0500
From: ae5x@netscape.net (John Harper AE5X)
To: qrp-1@lehigh.edu
Subject: [145208] Re:Fw: dxpedition
Message-ID: <45A0D2AE.1C67E537.00003ABB@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

>does anybody have any ideas on dxpeditions qrp or otherwise to the
following?

>how difficult would it be to successfully mount an expedition to any ?

KP5 is near impossible as it is an unpopulated (by humans anyway) wildlife refuge.
Puerto Rico strictly enforces their rule that only researchers be
allowed access to the island, and then only on a strict case-by-case basis.

I'd like to go on a DXpedition myself and was further inspired by G3AB. He put on
a 1-man show to Sierra Leone, and if you didn't work him, it's
because you didn't want to. Check out his page with detail of his operation at:
<http://www.g3ab.net/911ab.htm>

For a long time, I tried to get an XF4 ticket (Revilla Ggedo) but the rules for
getting the ticket kept changing as I went thru the process.
It really made me appreciate the DXpeditions that do make it - most of them really
have to go thru a lot in order to accomplish what they do.

The actual operating is only the tip of the iceberg as far as the work involved.

So now I'm just hoping to get invited along on an already-planned DXpedition. I'm also hoping that Elizabeth Hurley calls me up to ask if I want to spend a weekend with her. So far, nothing on either. I'll keep you posted...

--

John Harper AE5X
80 Meter DXing & Outdoor QRP: <http://www.ae5x.com>

The NEW Netscape 7.0 browser is now available. Upgrade now! <http://channels.netscape.com/ns/browsers/download.jsp>

Get your own FREE, personal Netscape Mail account today at <http://webmail.netscape.com/>

Date: Sat, 25 Jan 2003 07:57:58 -0600
From: "pschweit" <pschweit@mninter.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [145209] Fw: calculating j pole dimentions for twinlead antenna
Message-ID: <002601c2c479\$c5fbdde0\$84e6add1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

does anyone have tested dimensions for J poles using twinlead for the following bands?

> 40 m
> 80 m
> 160 m
>

thinking of employing a balloon vertical for field day in jun.

de rob
KA0PGQ

Date: Sat, 25 Jan 2003 09:52:56 -0800

From: "Dave Martin" <k2zu@seanet.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [145210] FT100d
Message-ID: <000501c2c49a\$98d811a0\$c8a32640@davemartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone had experience with the Yaesu FT100D in a QRP application? I'm wondering how low the power will go and if their form of DSP is really useful on noisy bands? Thanks and 73
Dave K2ZU

Date: Sat, 25 Jan 2003 11:19:28 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [145211] Cheapest all band QRP tuner
Message-ID: <Pine.LNX.4.44.0301251115570.2017-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Go to this web page and look for kits and see the \$14.95 tuner kit Dan has. I made this kit with a 1:1 balun for balanced loads. The Web site is:

<http://www.fix.net/dans.html#dan's38>

and he has all kinds of good stuff. You can get the toroid for the balun from him.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 25 Jan 2003 09:43:58 -0500
From: john <johnmb@nc.rr.com>
To: qrp-1@lehigh.edu
Subject: [145212] MFJ 40T and 40V vintage QRP
Message-ID: <3.0.3.32.20030125094358.02485420@pop-server.nc.rr.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I recently got a set of these....does anyone have the manual sheets that they could scan for me? Neat little vintage QRP gear !

(Hope to use my Sidekick with 'em!)

Thanks!

John K5MO

Date: Sat, 25 Jan 2003 09:46:17 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [145213] Comparing Receivers
Message-ID: <Pine.LNX.4.44.0301250920080.1914-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There has been some comparison of receiver performance on 40 meter CW. One comparison was made between a K1 and a Yaesu FT-817 and the person doing this found the K1 was far superior to the FT-817 even with the Collins 500 Hz mechanical filter. Another was a comparison of a Direct Conversion receiver to the FT-817.

In both comparisons the FT-817 was very inferior to the other receivers. Alas, neither comparison told us how the FT-817 was set up. Since it did so poorly, I will guess that the 10 DB attenuator was off. That the pre-amp was on. That AGC was automatic and the RF gain control was wide open. On 40 meters this will sound terrible! And this is the default setting for 40 meter CW.

When I set up my FT-817 for 40 meter FOX work I turn off the pre-amp, turn on the 10 DB attenuator, turn off AGC and turn down both the AF and RF gain controls to zero. (The 500 Hz filter is automatically selected when your in CW mode).

Then turn up the AF gain to a nice level where you hear a slight hiss in your ear phones. Now turn up the RF gain SLOWLY! until you hear the band noise. Under this condition the CW filter works really good (it isn't saturated by high level noise). Tune around now and you can hear a pin drop. A signal you can't even hear in the default setting sounds like 589 with this setting.

In summary, do not let a comparison between two or three radio receivers influence your decision to buy a radio. Look at the ARRL radio

reviews where they have been tested with expensive gear. Even here I wonder if the ARRL tests are made like I set my FT-817?

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sat, 25 Jan 2003 02:33:18 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: lmairs@direcway.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [145214] Re: OT: SMT work
Message-ID: <5.2.0.9.2.20030125022825.038a3c20@pop.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Lee... you use a fume extractor (professionally speaking [e.g. \$\$\$]) or you just take a muffin fan and put it somewhere it can very lightly either blow air away, or pull it out. You don't want to cool the objects down, but you don't want a snootful of rosin/lead vapour. It usually doesn't take much to move it away from you. I lucked into a cheaper, surplus sort-of fume extractor... meaning it's not one of the expensive types, but was built for that purpose, and usually does do the job.

///snip

At 03:18 PM 2003-01-24, Lee Mairs wrote:

>Ed -

>I've tried these magic microscopes and magnifying viewers, but the all seem
>to get my nose about 2 inches down wind from the fumes. How do you beat
>this?

>73 de Lee

>KM4YY

>///snip

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY

189 Pioneer Trail

Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 25 Jan 2003 13:20:25 -0500
From: "Juan Ferrari" <puntrad@usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [145215] Parts supplier
Message-ID: <003301c2c49e\$6f9c8240\$c58bd7ce@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,
I bought some parts from this people and they were very fast in sending
Priority Mail and no minimum purchase.
<http://www.debcoelectronics.com/>
Usual disclaimers apply. Just a satisfied client.
72
Juan - KG4FSN

Date: Sat, 25 Jan 2003 11:52:57 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [145216] Re: SN
Message-ID: <20030125.115301.-444271.3.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Actually the prosign is VE - and on the government and
commercial circuits, it was used as a "beginning of work"
and "understood" as to continue to send traffic.
Usually, I have heard it on the amateur bands as
stations start their qso - as in "beginning
to work".

763
Ray
"The more I see of the representatives of the people,

the more I admire my dogs." letter from Count d'Orsay
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2R
FP# 111, SOC#78,ARCI 5784, El Paso,(FAR WEST)TEXAS

Date: Sat, 25 Jan 2003 09:10:23 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145217] Re: K1/FT-817 FOXII obsevationes...
Message-ID: <Pine.LNX.4.44.0301250905210.1914-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I take exception Steven. Five years from now you might be correct but the new Ten Tec Icom and Kenwood still have either true break-in or good sudo break-in CW operation, dual radios and the whole thing. They are not writing about their CW capability since word of mouth works.

On Fri, 24 Jan 2003, Steven Weber wrote:

> It seems to me that most commercial rigs added CW operation as an after
> thought. First and for most, thier side band rigs. It's really hard to beat
> the performance of a simple QRP receiver which has been optimized for CW
> work.
> 72,
> Steve, KD1JV
> "Melt Solder"
> White Mountains of New Hampshire
> <http://www.qsl.net/kd1jv/>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 25 Jan 2003 14:02:22 -0500
From: Ed Tanton <n4xy@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [145218] Re: battery holder adhesive.
Message-ID: <5.2.0.9.2.20030125135712.01cf1040@pop.earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

An adhesive that will probably meet your needs is the shoe-sole, 1 part glue, named GOOP. It is a silicone adhesive that-instead of water-based acetic or alkaline 'curing ' uses a solvent-based cure. The reason for that is that prior to THIS adhesive, all solvent-based glues shrank too much to glue most hard, non-absorbing surfaces (like aquariums for example-and, good as it is, I wouldn't use GOOP for a fishtank.) GOOP does shrink (not so you'd notice) slightly, but its advantages are that it is REALLY sticky, and has no difficulties keeping any surface contaminants-like oils-from bothering what you intend to join. It doesn't bother electronics that I have ever seen but I would still allow it to openly cure a while before I'd put it into a sealed box (only on general principles.) Your other alternative is epoxy. If you don't want it to run, get an epoxy-gel if you can find it. It doesn't run when it cures. If you're going to try and hold down some metal-like at the back of the battery 'tube'... I'd choose epoxy for the project.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Sat, 25 Jan 2003 13:14:26 -0600
From: "George, W5YR" <w5yr@att.net>
To: <nkennedy@tcainternet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [145219] Re: SN
Message-ID: <00e301c2c4a5\$fbf54b80\$0201a8c0@fairviewtx.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

DAHDIDAHDIDAH "was once used as an attention getter to mark the beginning of something. It was frequently used to mark the beginning of operation of a station about to give a CQ call or to call another station. Sort of a warmup "everybody get ready, here I come" signal. Sometimes sent more than once as I recall when you really wanted to draw a crowd curious to know what was about to happen . . .

Some others are

DAHDIDAHDIDAHDIT is a semi-colon.

DAHDAHDAHDIDIDIT is a colon.

DAHDIDAHDIDAHDIDAH is a parenthesis.

Two sort of complementary characters are

DIDAHDAHDAHDAHDIT is an apostrophe

DAHDIDIDIDIDIDAH is a hyphen.

All this courtesy my Webster's Collegiate Dictionary. And it is highly unlikely that you will ever hear any of these on the ham bands! <:} Unless the keyboard keyers work that way.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

In the 57th year and it just keeps getting better!

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Saturday, January 25, 2003 8:14 AM

Subject: RE: SN

> That's kind of what I've always thought too ... no specific meaning.

> Didididahdit means, well, didididahdit.

>

> But it's interesting to look at published Morse character sets. My AEA

> CK-2 keyer manual lists ..._. as meaning "understood". But I'll bet some

> other published sets will give a different meaning. Perhaps we need

a
> FISTS member to go back and consult the holy scriptures on this.
>
> Another "nonsense" character I used to hear a lot is dahdidahdidah
(_.-._-
>) My AEA book says that's an exclamation point.
>
> 72--Nick, WA5BDU
>
> dit dit
>
> (meaning, see ya)

Date: Sat, 25 Jan 2003 05:14:14 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPp-I@yahoogroups.com,
Rock-Mite_Group@yahoogroups.com
Subject: [145220] Rock-Mites and Cylindrical Crystals
Message-ID: <3.0.2.32.20030125051414.00806850@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-Mers,

After reading about the cylindrical watch-type crystals (WC) from N4ESS in the October issue of the QRP Quarterly, I ordered some for 80, 30, 20** and 15** meters. Rich said then that he would have the 7030 crystals in Jan or Feb '03.

<http://www.expandedspectrumsystems.com>

They work fine but they don't deliver as much output energy as the HC49s. Generally, the power output was about half that of the larger crystals. (Most likely due to their small size and the R-M oscillator circuit designed for the HC49s.)

Example: Using an RF probe*** the voltage at the base of Q4 was about 6 Volts with an HC49 at Y1. The voltage with a WC on about the same frequency was 3 Volts. With the HC49 in an R-M/20, power out was about 400 mW and the WC about 200 mW. Not really bad though, just a little more QRPpp. YMMV!

You might get more output if you changed the feedback caps in the oscillator circuit but this would change the shift offset frequency. Some

adjustments in the buffer Q5 values might be needed to increase the drive to Q6 too. Also note that the leads are much thinner on the WCs. If you use machined pins for crystal sockets, rather than solder them in, it would be good to solder the leads into machined pins too and plug them in that way.

** The crystals are marked 14025 and 21026 kHz. They may oscillate lower in frequency and be below the 14.025 and 21.025 MHz band edges. A small capacitor (~47-100pF) in series will bring them back up if needed.

*** Measurements with the RF probe are relative only to the parts used in my probe and the voltmeter it is connected to. Your results WILL be different.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
Rock-Mites on 80, 40, 30, 20 and 15 Meters
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Fri, 24 Jan 2003 23:30:58 -0600
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: robert.parks11@gte.net
Subject: [145221] Re: QRP battery holder glue problem
Message-ID: <000001c2c433\$15528160\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Hi Tony,
Gluing PVC is trickier than it looks. I've had poor bonds using epoxy. The most effective glue (in terms of joint strength) is the PVC pipe glue that's available in small cans in the plumbing section of the hardware store/Home Depot/Lowes. The PVC pipe glue essentially melts the PVC leaving a very strong bond when it dries. Coat the joint with purple PVC primer first (also available in small cans) to create the strongest possible bond.

Good luck!

72/73,
Lew
N5ZE

Date: Sat, 25 Jan 2003 10:13:42 -0700
From: Lynda & Jim Leslie <leslie240z@shaw.ca>
To: plburbank@earthlink.net,
 "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [145222] RE: SN
Message-ID: <000401c2c495\$1fb78fd0\$48409244@D9XFQY11>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

On Friday, January 24, 2003 8:21 PM Pete wrote:

>Subject: SN
> I have heard this too. I was wondering if it was a warmup character
for a
> quick check of bug spacing.
> 73
> Pete NV4V

Funny how you do these things without thinking. I have done this a lot
in the past few decades and now that you mentioned it below, it was
kind of a warmup for me. I have also been guilty
of using "V" before sending a CQ. It was passed down to me.

Trains will send a "Q" as they approach a crossing, which is
the first four notes of the tune "Funeral March".
Wonder what "SN" really is?

73
Jim VE6JF

Date: Sat, 25 Jan 2003 15:46:01 +0000 (GMT)
From: J.Bennett@lboro.ac.uk
To: plburbank@earthlink.net, Pete Burbank <plburbank@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [145223] Re: SN
Message-ID: <1043509561.3e32b1397b703@staff-webmail.lboro.ac.uk>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Hi Pete,

It's a transmission start up character, and it's VE Bar.

Cheers & 72,

Jack
G3PVG

Quoting Pete Burbank <plburbank@earthlink.net>:

> I have heard this too. I was wondering if it was a warmup character for
> a
> quick check of
> bug spacing.
> 73
> Pete NV4V
>
>
>
>

Date: Sat, 25 Jan 2003 15:32:50 +0000 (GMT)
From: J.Bennett@lboro.ac.uk
To: robert.parks11@gte.net, Tony Parks <robert.parks11@gte.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [145224] Re: QRP battery holder glue problem
Message-ID: <1043508770.3e32ae2243d29@staff-webmail.lboro.ac.uk>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 8bit

Hi Tony,

Try using Araldite (Epoxy), that should do the trick.

72,

Jack
G3PVG

Quoting Tony Parks <robert.parks11@gte.net>:

> I am trying to build a batter holder for eight AA cells using short
> pieces
> of PVC tubing having the appropriate ID. The PVC pieces are placed
> side-by-side in a flat arrangement with glue joints running axially
> along

> the length of the PVC pieces where they contact each other. Prior to
> gluing, the pieces were mechanically cleaned with sandpaper and wiped
> with a
> tissue to remove dust. The first unsuccessful attempt was with super
> glue
> and resulted in very weak joints.
>
> Any recommendation on how this could be done?
>
> Thanks,
> Tony
> KB9YIG
>
>
>
>

Date: Sat, 25 Jan 2003 15:00:52 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [145225] modify my 40M EDZ??
Message-ID: <001501c2c4ac\$77155160\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I currently have a 40M Extended Double Zepp (EDZ) up at 50 feet or so.

It is center fed with about 50 feet of ladder line down to near ground level and goes into a plastic box. It then is soldered to a 1:1 balun which then goes into my LDG RT11 remote tuner.

I run coax from the output of the tuner all the way into the shack.

This set-up has been playing wonderfully but there are some downsides to using ladder line to feed the tuner unit such as de-tuning due to rain, snow, etc, etc.

I have been wondering what would be the effect if I replaced the ladder line with coax??? Will the coax see too high an

SWR and not be able to handle it in terms of loss??? Will I have just screwed up a very good antenna system???

Appreciate any thoughts on this experimental system....BTW, I am sure having fun playing with this type of antenna and I am completely sold on using external remote tuners right at the antenna.

73, Joe W2KJ

Date: Sat, 25 Jan 2003 12:23:45 -0800
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
To: <pschweit@mninter.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [145226] Re: dxpedition
Message-ID: <003c01c2c4af\$aaaf1f620\$b93ecd18@charterpipeline.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The degree of difficulty to some of those places is pretty high. KH7K, Kure Atoll, for example was a Coast Guard navigation station for many years but that site has been closed and so you can no longer "hitch a ride" -- i. e., getting there is expensive and that does not address the possibility that the atoll might be some kind of wildlife preserve requiring special permissions, etc.

KG4 used to require an invitation by the Marine Corps...which was possible by knowing the right person and/or sending a letter, etc. Guantanamo, of course, is now one of the super secure military bases because it now is also the holding area for Afghan prisoners. You MIGHT be able to get on, and get permission to operate, but you might also have to obtain some kind of security clearance, etc. Your best bet is to join one of the DX or Contesting lists and ASK the members if any of them have ever operated from, and how they did it. They might have a contact name.

I don't recognize all of the rest, but for the most part, if you can get there and it is a US territory or possession, etc., you can operate.

Many will be difficult to get to (no commercial flights or ships going that way), and at least 1 or 2 will be impossible because of permits required by government agencies to get on the islands.

And if you are planning a QRP DX-pedition to any one of those sites, don't forget that unless you have a great antenna you might not have a lot of people to talk to! Some of the Pacific Islands are 5,000 or more miles away to the USA. So if you're serious, I suggest you dry run a visit to KH6 (Hawaii), take antennas that you'd use and see how well you are able to reach the other 49 states (I've tried it on a dozen vacation trips, and sometimes it gets downright frustrating -- especially if you are taking the leesser-powered radios like the 1 and 2 watters). My best results have been with the full 5W (or more) and good antennas (I worked about 20 states with 5W SSB in a week on 10M, but that was at the peak of the sunspot cycle).

Good luck! And let us know what you decide....

Best 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

End of QRP-L Digest 2811

